AEE/DD/SBP/88/30-6-2017

. NO 1st & part

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No..... Date Work code No:

Division Dasarahalll Sub division Dasarahalll

Bill Received No. 173 Date. 30/6/17 Cash Book Voucher No..... dated.....

Scheduled Docted No.

Name of Work (as per sanctioned estimate) **Improvements to roads and Drains at Bagalagunte cross roads in Ward No 14, Bagalagunte**

Name of Contractor and Full Address: **Jayamma. K Dasanapura.Bangalore North Taluk.**

Reference to Agreement No: EE(D.D)/WO/132 16-17 Dated: 20.03.2017

Certified that the measurement were taken by me on 30/5/2017 and recorded of pages 567234 to 567249 .....of measurement Book No 5673/16-17 and that the work is satisfactorily executed.

Jayaccca.K
Contractor

Officer-In-Charge of work

Certified that the measurements were taken by me on ..... And found correct.

the work is satisfactorily executed.

014-16-000072 P:3089

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreen upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payments:
   a) Amount of previous payment as in the office Cash Book Voucher No.....Dated .....S.D No.....
      Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
      Now made recovery of amount creditable to this/other work
      Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office Cash Book Voucher No..... dated..... less adjustments
7) Net amount due to or from contractor
   Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) with
   Value of Government materials supplied

1st & final Bill → 4942635=00
IT → 49426=00
VAT → 19705=00
LWC → 49426=00
LR → 6182=00
CBF → 4943=00
363282=00
Net → 4579353=00

Jayaccca.k.
Contractor's Signature

Received Rs.....(in words)
.....
by cash and by adjustment of Payment as per memorandum.

Witnesses:
1
2
Dated..... Signature of Contractor

Stamp

Jayaccca.k. P. 3089

Paid by me by cheque No.....dated.....
Cast Rs.....dated.....

Initials of Officer making payment

(For use in the Office)

Audited and [illegible] 4942635=00
Passed by Cheque 4579353=00
(..... —
..... —
by adjustment 363282=00

Executive Engineer
Assistant Superintendent Exe. Engineer
Dasarahalli Division

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Sl.No	Item of work	Unit	Previous		Present Measurements			Total	
			Qty	Cost Rs	Qty	Rate Rs	Cost Rs	Qty	Cost Rs
1	Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in **Ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.	Cum			270.62	250.00	67655.00	270.62	67655.00
2	Removing B.S.Slab of drain and stacking etc., complete	Sqm			884.93	70.00	61945.10	884.93	61945.10
	Above 125%	Sqm			60.31	58.57	3532.36	60.31	3532.36
3	Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum			74.86	4000.00	299440.00	74.86	299440.00
4	Providing and laying in position **plain cement concrete** of mix 1:3:6 with OPC Cement @220 kgs with 20 mm and down size graded granite metal course aggregates @ 0.84 cum and fine aggregates @0.56 cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well comated, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per	Sqm			24.95	4000.00	99800.00	24.95	99800.00
5	Refixing stone slabs of drains and pointing in CM 1:3 etc complete	Sqm			884.93	70.00	61945.10	884.93	61945.10
	Above 125%	Sqm			60.31	71.80	4330.26	60.31	4330.26
6	Providing **Granite slabs** selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick	Sqm			528.48	700.00	369936.00	528.48	369936.00
8	Supplying and fixing **precast** reinforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm			795.04	1500.00	1192560.00	795.04	1192560.00
10	For Grading I material construction of **granular sub-base** by providing coarse graded crushed stone aggregates of Granite/ trap/basalt material spreading in uniform layers with motir grader on prepared surface mixing by a mix in place method with rotawater at OMC, and Compacting with vibratory roller to achieve the desired density, complete as per specifications.by mix in a Place method for course Graded Granular Sub Base Material as per 400-2 for grading I material .	Cum			120.18	900.00	108162.00	120.18	108162.00
	Above 125%	Cum			8.57	1353.72	11601.38	8.57	11601.38

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11	Providing, laying, spreading and compacting graded stone aggregates to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.	Cum.			240.35	1400.00	336490.00	240.35	336490.00
	Above 125%	Cum			17.14	1575.12	27007.84	17.14	27007.84
12	Providing and applying **primer coat** with S.S. Bitumen emulsion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work	Sqm			1201.75	25.00	30043.75	1201.75	30043.75
	Above 125%	Cum			85.70	26.45	2266.77	85.70	2266.77
13	Cleaning the existing **black topped surface** with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm			1911.88	3.24	6194.49	1911.88	6194.49
	Above 125%	Cum			172.05	2.83	486.90	172.05	486.90
14	Providing and applying **tack coat on the prepared black topped** surfaces at 5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications.	Sqm			1911.88	15.12	28907.63	1911.88	28907.63
	Above 125%	Cum			172.05	11.34	1951.05	172.05	1951.05
15	Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75mm compacted thickness with 3.3% bitumen but excluding the cost of primer/tack coat with lead incl. cost of all materials, labour, HOM of machineries complete as per specifications with 80/100 grade bitumen using 40/60TPH capacity H.M.P with Mechanical paver Gr II (50/75mm) with 3.3% VG-30 Bitumen as per the directions of Engineer-in-charge of the work	Cum			60.09	7000.00	420630.00	60.09	420630.00
	Above 125%	Cum			4.29	5053.07	21677.67	4.29	21677.67

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16	Providing and laying **bituminous concrete** with hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder and filter transporting the hot mix to work site laying with paver finisher to the required grade, level and alignment. rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORTH Speicification clause no 500.9 complete in all respects complete as per specification no 509. using 40/60 TPH Capacity H.M.P With Mechanical paver Gr-II (30 mm to 45 mm) with 6% VG-30 Bitumen	Cum								
	Above 125%	Cum			86.04	9822.00	845084.88	86.04	845084.88
17	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading	Cum			7.74	7141.75	55277.15	7.74	55277.15
	Above 125%	Cum			273.13	84.50	23079.49	273.13	23079.49
E-1	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications	Cun			483.54	73.91	35738.44	483.54	35738.44
E-2	KSRB 5-14 : Providing and constructing **precast concrete solid blocks** with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm			486.05	267.34	129940.61	486.05	129940.61
					891.91	785.03	700178.78	891.91	700178.78
	Total						**4945828.00**		**4945828.00**

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ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ

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